Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1-5. (CANCELED)

6. (Previously Presented) The isolated polypeptide of claim 11, wherein said polypeptide specifically binds to an antibody raised against Saposin B.

7. (Currently Amended) An isolated polypeptide consisting of an amino acid sequence which is a part of SEQ ID NO:2 wherein said polypeptide begins with amino acids 2-6 (DVCQD) of SEQ ID NO:2, wherein the polypeptide has ~~the sequence of SEQ ID NO:28 and~~ antiangiogenic activity, and wherein the polypeptide is between 5 and 80 amino acids in length.

8-9. (CANCELED)

10. (Previously Presented) The isolated polypeptide of claim 11, wherein said polypeptide is glycosylated.

11. (Previously Presented) An isolated polypeptide consisting of the sequence R-XDVCQD-R' (SEQ ID NO:45), wherein the polypeptide has anti-angiogenic activity, and wherein:

R is selected from the group consisting of Aa_1-Aa_2-Aa_3-Aa_4-Aa_5, Aa_2-Aa_3-Aa_4-Aa_5, Aa_3-Aa_4-Aa_5, Aa_4-Aa_5 and Aa_5, or is absent, wherein:

Aa_1 is glutamine;

Aa_2 is proline;

Aa_3 is lysine;

Aa_4 is aspartic acid; or

Aa_5 is asparagine; and,

X is selected from the group consisting of glycine, alanine, serine and threonine, or is absent when R is absent; and,

R' is from 0 to about 59 contiguous amino acids.

12-16. (CANCELED)

17. (Previously Presented) The isolated polypeptide of claim 11, wherein R' is selected from the group consisting of Aa_{12}-Aa_{13}-Aa_{14}-Aa_{15}-Aa_{16}, Aa_{12}-Aa_{13}-Aa_{14}-Aa_{15}, Aa_{12}-Aa_{13}-Aa_{14}, Aa_{12}-Aa_{13} and Aa_{12}, wherein Aa_{12}, Aa_{13}, Aa_{14}, Aa_{15} and Aa_{16} are selected from the group consisting of amino acids.

18. (Previously Presented) The isolated polypeptide of claim 17, wherein Aa_{12} is a cysteine.

19. (Previously Presented) The isolated polypeptide of claim 17, wherein Aa_{13} is an isoleucine.

20. (Previously Presented) The isolated polypeptide of claim 17, wherein Aa_{14} is a glutamine.

21. (Previously Presented) The isolated polypeptide of claim 17, wherein Aa_{15} is a methionine.

22. (Previously Presented) The isolated polypeptide of claim 17, wherein Aa_{16} is a valine.

23. (Currently Amended) The isolated polypeptide of claim 11, ~~which has the amino acid sequence of SEQ ID NO:13, 19, 21, 24, 25, 26, or 27~~ wherein:

R is Gln-Pro-Lys-Asp-Asn (SEQ ID NO:60), X is Gly, and R' begins with Cys-Ile-Gln-Val (SEQ ID NO:61);

X is Gly, and R' begins with Cys-Ile-Gln-Met-Val (SEQ ID NO:62);

R' begins with Cys-Ile-Gln-Met-Val (SEQ ID NO:62);

R' begins with Cys-Ile-Gln-Met (SEQ ID NO:63);

R' begins with Cys-Ile-Gln;

R' begins with Cys-Ile; or

R' begins with Cys.

24-28. (CANCELED)

29. (Previously Presented) A method of treating a mammal, wherein said mammal has a pathological condition associated with undesired angiogenesis, by administering an amount of the isolated polypeptide of claim 11 wherein said amount of polypeptide is effective to reduce angiogenesis.

30. (Previously Presented) The method of claim 29, wherein the mammal is human.

31. (Previously Presented) The method of claim 29, wherein said pathological condition is cancer.

32. (Previously Presented) The method of claim 31, wherein said cancer is Kaposi's Sarcoma.

33. (Previously Presented) The method of claim 29, wherein administration is selected from the group consisting of subcutaneous,

intramuscular, intravenous, intra-arterial, intrabronchial, oral, transdermal, intraocular, rectal, vaginal, intranasal, sublingual and intralesional.

34. (Previously Presented) The method of claim 33, wherein the administration is selected from the group consisting of intralesional and transdermal.

35. (CANCELED)

36. (Previously Presented) The method of claim 29, wherein said therapeutic amount is from about 0.1 mg/kg to about 20 mg/kg.

37. (Previously Presented) A pharmaceutical composition in unit dosage form, comprising:

(a) one or more pharmaceutically acceptable excipients, and

(b) an amount of the isolated polypeptide of claim 11, wherein the polypeptide is effective to treat or prevent undesired angiogenesis in an animal or patient to whom one or more unit doses of said composition are administered.

38. (Previously Presented) The pharmaceutical composition of claim 37, wherein said unit dosage form is an aseptic solution comprising said polypeptide.

39. (Previously Presented) The pharmaceutical composition of claim 37, wherein said unit dosage form is a topical ointment comprising said polypeptide.

40. (Previously Presented) An isolated fusion protein, said fusion protein comprising the isolated polypeptide of claim 11 and a cell targeting moiety, wherein said cell targeting moiety and said polypeptide have functional activity independent of each other.

41. (Previously Presented) The isolated fusion protein of claim 40, wherein said cell targeting moiety is a protein.

42. (Previously Presented) The isolated fusion protein of claim 41, wherein said protein is an antibody.

43. (Previously Presented) The isolated fusion protein of claim 42, wherein said antibody is a monoclonal antibody.

44. (Previously Presented) The isolated fusion protein of claim 43, wherein said antibody is a single chain Fv antibody.

45. (Previously Presented) An isolated fusion protein, said fusion protein comprising the isolated polypeptide of claim 11 and a cytotoxic moiety, wherein said cytotoxic moiety and said polypeptide have functional activity independent of each other.

46. (Previously Presented) The isolated fusion protein of claim 45, wherein said cytotoxic moiety is a protein.

47. (Previously Presented) The isolated fusion protein of claim 46, wherein said protein is a bacterial toxin.

48. (Previously Presented) The isolated fusion protein of claim 47, wherein said bacterial toxin is from Diphtheria toxin.

49. (Previously Presented) The isolated fusion protein of claim 48, wherein said Diphtheria toxin is the B chain of Diphtheria toxin.

50. (CANCELED)

51. (Previously Presented) The isolated fusion protein of claim 47, wherein said bacterial toxin is Pseudomonas exotoxin.

52. (Previously Presented) The isolated fusion protein of claim 51, wherein said Pseudomonas exotoxin is selected from the group consisting of PE38 and PE40.

53-54. (CANCELED)

55. (New) The isolated polypeptide of claim 11, consisting of the amino acid sequence of SEQ ID NO:13, 19, 21, 24, 25, 26, or 27.